

## PAT CREEK TRIBUTARY 1 ADDITION

**Stream:** Pat Creek (108-10-10050) Tributary 1

**Watershed:** Anita Bay-Frontal Zimovia Strait

**MTRS:** C064S084E, Petersburg B-1

**Date Surveyed:** August 11, 2013

**Findings:** We surveyed this uncataloged tributary to Pat Creek and coho salmon using an electrofishing unit. We ended the survey at a small rooty cascade with low flow.

**Recommendations:** Add this stream to the AWC.

Table 1.– Pat Creek tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
451	56.3521	-132.3301	At confluence of mainstem and tributary.	EF	2 CO 45-50 mm
452	56.3523	-132.3302	Small pool at base of little riffle.	EF	3 CO 50 mm
453	56.3524	-132.3301	In large calm pool near road.	EF	multi CO 50 mm, 1 CT
454	56.3525	-132.3302	In pool at outlet of culvert under Pat Creek Rd.	EF	CT 50 mm, CO 65 mm, CO 45 mm
455	56.3526	-132.3302	Outlet of culvert under Pat Creek Rd.		
456	56.3528	-132.3302	Inlet of culvert on Pat Creek Rd. Also a tributary.	EF	1 DV, 1 CT 50 mm
457	56.3528	-132.3302	In small riffle above confluence.	EF	1 CO 40 mm, 1 CT 35 mm
458	56.3529	-132.3303		EF	2 CT 50-85 mm
459	56.3529	-132.3302	In long rooty pool.	EF	CO 65 mm, CT 50 mm
460	56.3531	-132.3301	In long riffle, intermittent pools, gravel substrate.	EF	2 CO 50 mm, 2 CT 35 mm
461	56.3532	-132.3301	Under rooty tree/undercut bank.	EF	1 CO 75 mm
462	56.3533	-132.3300	Undercut bank with large gravel substrate.	EF	1 CT, 2 CO 50 mm
463	56.3533	-132.3301	Gravel run.	EF	1 CT 110 mm
464	56.3534	-132.3301	Large, flat gravel substrate.	EF	1 CT 75 mm
465	56.3534	-132.3302	Shallow, broad pool, overhanging log.	EF	1 DV 50 mm
466	56.3535	-132.3303	Undercut bank, flat gravel substrate, mossy logs.	EF	1 CT 80 mm, 1 CO 35 mm, 1 DV
467	56.3536	-132.3304	Under large log.	EF	1 CO 50 mm, 1 DV
468	56.3536	-132.3306	Larger flat cobbles/gravels. Reduced flows.	EF	1 CO 40 mm

469	56.3537	-132.3308	Large, flat cobbles, water reducing.	EF	1 DV 75 mm, 1 CO 50 mm
470	56.3539	-132.3310	Low flows, flat cobble substrate.	EF	2 CT 55 mm
471	56.3543	-132.3312	Top of snagged rooty cascade. No spawning gravels here. Good resident CT habitat.	EF	4 CT 30-75 mm

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Figure 1.— Pat Creek Tributary 1 addition map.